

CHAPTER - 2.1

Year/Plan wise Hydro Capacity Addition in the Country

| S.No. | Year | Target (Original) | Capacity Addition (MW) | % Achieved | Remarks |
|--|----------------|----------------------|---------------------------|---------------|---------|
| 1st Five Year Plan (1.1.51 to 31.12.55) | | | | | |
| 1 | 1951 | | 15.89 | | |
| 2 | 1952 | | 140.00 | | |
| 3 | 1953 | | 16.00 | | |
| 4 | 1954 | | 62.17 | | |
| 5 | 1955 | | <u>146.13</u> | | |
| | Total : | | <u>380.19</u> | | |
| 2nd Five Year Plan (1.1.56 to 31.03.61) | | | | | |
| 6 | 1956 | | 121.96 | | |
| 7 | 1957-58 | | 152.48 | | |
| 8 | 1958-59 | | 147.52 | | |
| 9 | 1959-60 | | 168.71 | | |
| 10 | 1960-61 | | <u>386.51</u> | | |
| | Total : | | <u>977.18</u> | | |
| 3rd Five Year Plan (1.4.61 to 31.03.66) | | | | | |
| 11 | 1961-62 | | 502.44 | | |
| 12 | 1962-63 | | 517.25 | | |
| 13 | 1963-64 | | 230.67 | | |
| 14 | 1964-65 | | 221.71 | | |
| 15 | 1965-66 | | <u>735.01</u> | | |
| | Total : | | <u>2207.08</u> | | |
| Annual Plans (1966-67, 67-68, 68-69) | | | | | |
| 16 | 1966-67 | | 633.48 | | |
| 17 | 1967-68 | | 729.70 | | |
| 18 | 1968-69 | | 419.99 | | |
| 4th Five Year Plan (1.4.69 to 31.03.74) | | | | | |
| 19 | 1969-70 | | 227.79 | | |
| 20 | 1970-71 | | 248.53 | | |
| 21 | 1971-72 | | 228.38 | | |
| 22 | 1972-73 | | 173.80 | | |
| 23 | 1973-74 | | <u>179.89</u> | | |
| | Total : | 3518 | <u>1058.39</u> | 30.08 | |
| 5th Five Year Plan (1.4.74 to 31.03.79) | | | | | |
| 24 | 1974-75 | | 563.94 | | |
| 25 | 1975-76 | | 934.36 | | |
| 26 | 1976-77 | | 561.30 | | |
| 27 | 1977-78 | | 995.32 | | |
| 28 | 1978-79 | | <u>812.85</u> | | |
| | Total : | 4654 | <u>3867.77</u> | 81.11 | |
| Annual Plan (1979-80) | | | | | |
| 29 | 1979-80 | 548 | 550.90 | 100.18 | |
| 6th Five Year Plan (1.4.80 to 31.03.85) | | | | | |
| 30 | 1980-81 | | 407.25 | | |
| 31 | 1981-82 | | 381.59 | | |
| 32 | 1982-83 | | 883.05 | | |
| 33 | 1983-84 | | 799.70 | | |
| 34 | 1984-85 | | <u>604.46</u> | | |
| | Total : | 4768 | <u>3076.05</u> | 64.51 | |

| S.No. | Year | Target (Original) | Capacity Addition (MW) | % Achieved | Remarks |
|--|----------------|----------------------|---------------------------|---------------|---------------------------|
| 7th Five Year Plan (1.4.85 to 31.03.90) | | | | | |
| 35 | 1985-86 | | 1012.00 | | |
| 36 | 1986-87 | | 704.525 | | |
| 37 | 1987-88 | | 1069.285 | | |
| 38 | 1988-89 | | 532.70 | | |
| 39 | 1989-90 | | <u>509.90</u> | | |
| | Total : | 5541.25 | <u>3828.41</u> | 69.09 | |
| Annual Plans (1990-91, 91-92) | | | | | |
| 40 | 1990-91 | 1006.5 | 445.50 | 44.26 | |
| 41 | 1991-92 | 754.3 | 436.00 | 57.8 | |
| 8th Five Year Plan (1.4.92 to 31.03.97) | | | | | |
| 42 | 1992-93 | 372.95 | 372.95 | | |
| 43 | 1993-94 | 957.65 | 797.15 | | |
| 44 | 1994-95 | 1192.55 | 450.00 | | |
| 45 | 1995-96 | 1846 | 147.05 | | |
| 46 | 1996-97 | 4913 | <u>660.50</u> | | |
| | Total : | 9282.15 | <u>2427.65</u> | 26.15 | |
| 9th Five Year Plan (1.4.97 to 31.03.2002) | | | | | |
| 47 | 1997-98 | 233 | 233.00 | | |
| 48 | 1998-99 | 312 | 542.50 | | |
| 49 | 1999-2000 | 1543 | 1371.50 | | |
| 50 | 2000-01 | 2223 | 1285.00 | | |
| 51 | 2001-02 | 5506.7 | <u>1106.25</u> | | |
| | Total : | 9817.7 | <u>4538.25</u> | 46.22 | |
| 10th Five Year Plan (1.4.02 to 31.03.07) | | | | | |
| 52 | 2002-03 | 585 | 635.00 | 108.54 | |
| 53 | 2003-04 | 3740 | 2590.00 | | Highest till date. |
| 54 | 2004-05 | 2401 | 1015.00 | | |
| 55 | 2005-06 | 2010 | 1340.00 | | |
| 56 | 2006-07 | 5657 | <u>2306.00</u> | | |
| | Total : | 14393 | <u>7886.00</u> | 54.79 | |
| 11th Five Year Plan (1.4.07 to 31.03.12) | | | | | |
| 57 | 2007-08 | 2423 | 2423 | | 2nd Highest. |
| 58 | 2008-09 | 1097 | 969 | | |
| 59 | 2009-10 | 1805 | 39 | | |
| 60 | 2010-11 | 1741 | 690 | | |
| 61 | 2011-12 | 8561 | <u>1423</u> | | |
| | Total : | 15627 | <u>5544.00</u> | 35.48 | |
| 12th Five Year Plan (1.4.12 to 31.03.17) | | | | | |
| 62 | 2012-13 | 802 | 501 | 62.47 | |
| 63 | 2013-14 | 1198 | 1058 | 88.31 | |
| 64 | 2014-15 | 842 | 736 | 87.41 | |
| 65 | 2015-16 | 1691 | 1356 | 80.19 | |
| (up to 31.12.15) | | | | | |

Note: Figures from 1951 to 1984-85 indicate uprated/derated capacities.